

# **Southern New Hampshire University**

## **IT-700 Capstone in Info Technology**

**Project: Travel Nepal.com**



**Submitted by**

Pramod kc (1104410)

Email: pramod.kc@snhu.edu

**Under the guidance**

**Of**

David Rollins

**Problem Statement:**

Tourism is the one of the largest industry in my home country, Nepal. It generates largest source of foreign exchange and revenue. Since it the largest source of revenue, there is some infrastructure and IT support needed to increase tourism which helps country economy. There are few websites which includes all famous destinations in Nepal which assists visitors from booking tickets to find out the total expenditure regarding number of people and regarding the other living and travelling expenditures. So my concern is to build a website which helps any kind of historical tourist, trekkers, mountaineers and any other type of tourists to find out the famous destinations in Nepal and cost calculation while they are visiting that place.

**Stakeholder needs:**

Whatever the business is about the business management team will take care of it and if they are satisfied with the need of the business they will pass it to the Stakeholders to figure out what they need. Stakeholders have different need which will be figure out or classified.

A stakeholder is a party that has an interest in a company, and can either affect or be affected by the business. The primary stakeholders in a typical corporation are its investors, employees and customers. However, the modern theory of the idea goes beyond this original notion to include additional stakeholders such as a community, government or trade association.

My project is [travelnepal.com](http://travelnepal.com). So if this project is implemented in real world I will have some internal stakeholder, who are basically investors. I will have some external stakeholder too which are little harder to identify since they do not have a direct relationship with the company. Instead,

instead, an external stakeholder is normally a person or organization affected by the operations of the business

Upside of the stakeholder model include:

- Greater opportunity to build diverse and dynamic marketing initiatives while capitalizing on the resources and strength of the region's entire tourism sector.
- A more effective voice for Tourism Nepal thanks to a large and growing stakeholder base.
- More partnership opportunities with tourism and industry associations, chambers of commerce, municipalities and all stakeholders.
- Increased flexibility when working with media and the travel trade.
- A broader range of tourism products to offer consumers who inquire about regional travel through Tourism Nepal.

### **Overview of Design:**

Over numerous years of industry experience, they have built up a procedure that applies to all project regardless of size, length, and sort of service. Basically, while constructing the website called travel Nepal.com I am going through some 6 steps which are mentioned below:

- Step1: Discover
- Step 2: Design
- Step 3: Develop
- Step 4: Deploy
- Step 5: Monitor
- Step 6: Maintain

## **Step 1: Discover**

The initial step is to find and characterize the correct needs and objectives of my business website, travelnepal.com. My job is to find out my vision and bring it to life I figured out a couple of cases of inquiries which will be tended to amid this stage:

Is my site a tool for existing customers or a method for producing new business? Do I offer services to the internal and external tourist directly through the web? Do I require some sort of substance administration framework? What innovations will be important to use for my site?

Above all, how would I expect to get my guests? I may have the best site on the planet yet without guests it is completely useless. The best technique is through Internet search engine such as Google, Yahoo, and MSN. In this way my site must be composed with website improvement and great coding style as a top priority ideal from the earliest starting point.

This stage includes all the problems and all required information to overcome that problem with a design.

## **Step 2: Design**

After I complete the discovery phase I come to the design phase. Basically in any project when clients send the approval report then only design phase starts. But in my website , travelnepal.com I do not have any approval so I am directly going to Design phase as soon as I discover my problems and gather some information to design and overcome the problem. In this phase my main goal and priorities are my samples. Which are some graphics and layout samples.

In order to make easy to my visitors I will add some site navigation structure.

I will get some feedbacks from some of my friends who will act as a visitor or clients. When they are satisfied with the proposed “look and feel”, then only I will continue to development stage.

### **Step 3: Develop**

In the Develop step, the website pages attracted up the outline stage will be made and upgraded. Import and transformation of all database data is done as of now. Extraordinary attention is given and I and use standard traditions for good programming style - website wide CSS templates.

I will create functional beta version of the travelnepal.com. I will test each part of it is tested before I launch the site. Visitors for now I have chosen some friends for prototyping feedback can watch the advance of improvement and take part in testing on my improvement servers. The last site enhancement is constantly done by hand utilizing a content tool for each site we distribute, regardless of what application was utilized to make my site travelnepal.com!

### **Step 4: Deploy**

The last phase of the site's creation is Deployment. When it is exhibited that the site functions as desired and delineated in our settled upon proposition, it is distributed on my open Web server for all to see. Launches are pre-wanted to guarantee insignificant interference to business capacities.

Just now after fruitful deployment should my site be submitted to web indexes and catalogs Off-page website streamlining can now be performed alongside all other site advertising systems.

**Step 5: Monitor**

As a web developer I need to go beyond the standard 4 – Ds development procedure. Since I need success of my web page I need to maintain and hold my clients so my relationship does not end with them. Once a visitor who comes to Nepal to visit using my web page might come back again so I need to maintain a good relationship with my visitors. For a long term success I need to take care of errors on my site, it's performance and need to collect visitors statistics.

**Step 6: Maintain**

As my business prerequisites change, so too will the requirements of my site. Effective sites that produce guests for a long time, after quite a long time must be stayed up with the latest with new content. In time, my site may get to be distinctly obsolete and require a new look, thus the procedure starts again.

**References:**

<http://www.tourismvi.ca/our-organization/stakeholder-model/>

<http://www.investopedia.com/terms/s/stakeholder.asp>

<https://www.smashingmagazine.com/2014/11/how-to-create-your-own-front-end-website-testing-plan/>

<http://www.creativebloq.com/design/20-best-new-tools-web-design-and-development-2012-5132776>

<https://www.quora.com/What-are-the-best-programming-languages-for-building-a-website>

<http://tourismdepartment.gov.np/acts-regulations>

<http://www.nepalnow.org/stories/new-rules-for-mountaineers/>

<https://www.bostoncomputing.net/webdesign/methodology/step6/>

TechSoup: Seven Web Development Pitfalls, retrieved at

<http://www.techsoup.org/learningcenter/webbuilding/page6596.cfm>

<https://rubygarage.org/blog/risk-management-in-development>